

MATERIAL SAFETY DATA SHEET**MacDermid**

INCORPORATED

245 FREIGHT ST. • WATERBURY, CT 06702 • (203) 575-5700

PRODUCT

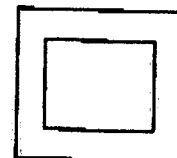
AQUALAC 22

PRODUCT

CODE

15822

PRODUCT CODE MUST ACCOMPANY ALL INQUIRIES REGARDING THIS PRODUCT



Health Flammability Reactivity

Other

Issue Date: 11/19/1977

Page: 1

Revised Date: 5/05/1994

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24 HR. EMERGENCY NUMBER: CHEMTREC (800) 424-9300

SECTION 1**PRODUCT IDENTIFICATION**

TRADE NAME: AQUALAC 22

CHEMICAL FAMILY: PROPRIETARY MIXTURE

FORMULA: Proprietary Mixture

HMIS RATING: 1 HEALTH 0 FLAMMABILITY 0 REACTIVITY OTHER
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme**SECTION 2****HAZARDOUS INGREDIENTS**

MacDermid Inc. has concluded that there are no chemical ingredients in this product which are considered hazardous.

INGREDIENT(S)

CAS #

BY WEIGHT %

Not Applicable

- 100

SECTION 3**PHYSICAL DATA**

DENSITY: 8.570 LB/GL

FORM: Liquid

SPECIFIC GRAVITY: 1.028

pH: 8.25

FREEZING POINT: NOT DETERMINED

FLASH POINT: NOT DETERMINED

VAPOR PRESSURE: NOT DETERMINED

VOLATILE %: NOT DETERMINED

COLOR / ODOR: Yellow
Slight Ammonia Odor

NOTE: These physical properties are typical values for this product

SECTION 4**FIRE AND EXPLOSION DATA**

FLASH POINT: NOT DETERMINED

EXTINGUISHING MEDIA:

NEVER allow run-off to enter sewers or waterways.

As appropriate for surrounding material

For massive fires use unmanned hose holder or monitor nozzle.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Wear self-contained breathing apparatus/protective clothing

Fight fire from remote locations

SECTION 5**FIRST AID DATA**

Contact a physician in all cases of exposure. First aiders should provide for their own safety prior to rendering assistance

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**IMPORTANT HEALTH & SAFETY INFORMATION**

MacDermid Incorporated

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SECTION 5**FIRST AID DATA****(Continued)****EYES:**Wash affected eyes under slowly running water for 15 minutes
Contact physician immediately**SKIN:**Wash affected area(s) with soap and water
Contact physician**INGESTION:**Give water. Contact physician
Notify physician of the nature of ingested product**INHALATION:**Remove the victim to cool uncontaminated area
Monitor the patient for respiratory distress**CAUTION:** If unconscious-having trouble breathing-or in convulsions
do not induce vomiting or give water.Always clean contaminated clothing and gear prior to reuse.
NEVER administer anything to an unconscious person.**SECTION 6****HEALTH EFFECTS DATA**

Primary Route(s) of Exposure: Eye, Skin, Inhalation, and Ingestion

EYE CONTACT (ACUTE):Chemical irritation follows initial mechanical irritation
Weak and mild eye irritant**EYE CONTACT (CHRONIC):**

May cause more damage to people with ophthalmological problems.

SKIN CONTACT (ACUTE):

Itching sensation will occur

SKIN CONTACT (CHRONIC):

Prolonged or repeated contact may cause irritation

INGESTION (ACUTE):Irritation and burning sensation of lips/mouth and throat
Headache and general weakness may occur**INHALATION (ACUTE):**

Mild irritation to respiratory system

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SECTION 6**HEALTH EFFECTS DATA****(Continued)**

Irritation of mucous membrane of nose/mouth/throat may occur

INHALATION (CHRONIC):
May result in fatigue**SECTION 7****PERSONAL PROTECTIVE DATA****RESPIRATORY PROTECTION:**

If there is a value for OSHA-PPE/ACGIH-TLV in section 13 and it is exceeded, it is recommended that a NIOSH approved respirator be used. Consult with your Industrial Hygienist for appropriate cartridge selection and use.

For large spills, entry into large tanks, vessels or enclosed small spaces with inadequate ventilation, a pressure demand, self contained breathing apparatus is recommended.

VENTILATION:

General ventilation is recommended. Additionally, local exhaust ventilation is recommended where vapors, dusts, mists or aerosols may be released.

PROTECTIVE EQUIPMENT:

Safety glasses and/or splash proof goggles, face shields and the availability of an eye wash is recommended. Chemical aprons; Boots and Gloves, the availability of a safety shower is recommended. If clothing is contaminated remove clothing and thoroughly wash the affected body area. Launder contaminated clothing before reuse.

Consult with your Safety Professional/Industrial Hygienists for specific information regarding applications at your facility.

SECTION 8**TOXICOLOGY DATA****TOXICITY STUDIES:**

Toxicity studies have not been conducted on this product. However, toxicity literature surveys have been conducted on the ingredient(s) in Section 2. The results are as follows:

ACUTE ORAL TOXICITY:

Unknown

ACUTE DERMAL TOXICITY:

Unknown

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SECTION 8**TOXICOLOGY DATA**

(Continued)

Unknown

TOXICITY HAZARD REVIEW (THR):

Unknown

Listed as suspected carcinogen by: IARC: NO NTP: NO OSHA: NO

SECTION 9**REACTIVITY DATA****INCOMPATIBILITY:**

Acids

HAZARD DECOMPOSITION PRODUCTS:

None

STABILITY:

Stable

CONDITIONS TO AVOID:

Unknown

HAZARDOUS POLYMERIZATION:

No Hazardous Polymerization.

SECTION 10**SPILLS & DISPOSAL DATA**

In case of Transportation Accidents, call the following 24 hour telephone number: CHEMTREC (1-800-424-9300)

SPILL CONTROL AND RECOVERY:

Soak up into inert adsorbent material, DO NOT use sawdust. Collect for disposal in plastic recovery drum. Flush residue with plenty of water to chemical drain.

DISPOSAL:

Dispose of by an approved method at an approved secure facility.

Due to more restrictive waste disposal regulations, NEVER wastetreat or dispose of material until you check your appropriate local, state, & federal regulations for requirements. Spills may REQUIRE notification

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SECTION 10 SPILLS & DISPOSAL DATA (Continued)

to FEDERAL, STATE and/or LOCAL AUTHORITIES.

SECTION 11 TRANSPORTATION DATA

DOT PROPER SHIPPING NAME: NON-REGULATED

HAZARD: 0/NON-REGULATED

UN/NA# : 000000

Pkg Grp:

IMO: RESIN

IMO Class/Sub Class: NON-REGULATED/0/0

Pkg Grp:

UN/NA# : 000000

IATA: RESIN

IATA Cls/Sub Cls: NON-REGULATED/0/0

Pkg Grp:

UN/NA# : 000000

SECTION 12 GENERAL STORAGE DATA

STORAGE TEMPERATURE: MAXIMUM: 100.00F 37.77C MINIMUM: 032 F

Material should be stored in the properly sealed original container

NON-REGULATED:

SECTION 13 REGULATORY DATA

The following regulations apply to this product.

FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200: Based on our evaluation, NO ingredients in this product are subject to this rule.

CERCLA/SUPERFUND, 40 CFR 117, 302/304: Notification of spills of this product is NOT required.

SARA/SUPERFUND AMENDMENTS & REAUTHORIZATION ACT of 1986 (TITLE III) Sections 302, 311, 312, & 313:

SECTION 302: Extremely Hazardous Substances (40 CFR 355)
This product does not contain ingredient(s) listed in APPENDIX A of 40 CFR 355

SECTIONS 311 & 312 - M.S.D.S REQUIREMENTS (40 CFR 370):

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SECTION 13**REGULATORY DATA****(Continued)**

- ☐ Immediate (Acute) health hazard
- ☐ Fire Hazard
- ☐ Reactive hazard
- ☐ Delayed (Chronic) health hazard
- ☐ Sudden release of pressure hazard

Under Section 311, submittal of MSDS or a list of product names to the local emergency planning commission, state emergency response commission, the local fire department is required after October 17, 1987. Consult the regulation for pertinent changes and updates.

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372):

This product does not contain ingredients listed under 40CFR 372.65

TOXIC SUBSTANCE CONTROL ACT (TSCA): The chemical ingredient(s) in this product are listed on the 8(b) Inventory List (40 CFR 710).

RESOURCE CONSERVATION & RECOVERY ACT (RCRA), 40 CFR 261 SUBPARTS C & D:

Please refer to Section 10, disposal information for pertinent data

TOTAL TOXIC ORGANICS

This product does not contain ingredients on the List of Total Toxic Organics

OSHA PROCESS SAFETY (1910.119):

This product does not contain ingredient(s) listed in Appendix A of 29 CFR 1910.119 list of Highly Hazardous Chemicals. Toxics and Reactives of OSHA process safety management.

CLEAN AIR ACT:

This product does not contain ingredient(s) listed on the Hazardous Air Pollutants of CAA 40 CFR 112(G).

OZONE DEPLETING SUBSTANCES:

This product does not contain ingredient(s) listed on Ozone Depleting Substances of CAA 40 CFR 82.

STATE REGULATIONS:**California Proposition 65:**

This product complies with the MSDS and labeling requirements of the Safe Drinking Water and Toxic Enforcement Act of 1986.

This product does not contain ingredient(s) listed on California Prop65 List

Michigan Critical Materials:

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This product does not contain ingredient(s) listed on the Michigan Critical Materials Register.

The information listed above does not include all Federal, State, and International regulations. The regulations listed above may change from time to time; it is the users responsibility to keep advised of current regulatory requirements.

Prepared by MacDermid Inc. Safety & Regulatory Compliance Department, based upon publicly available reference information.

SECTION 14**USER NOTIFICATION**

To the best of our knowledge these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HERE UNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR THE CHEMICAL TO WHICH THE INFORMATION REFERS.